

A.S. Environmental Science Technology (64 Credits)

Guided Pathway: Associate of Science, Environmental Science Technology (FULL TIME).

For more information, visit www.fgc.edu and your academic advisor.

University Transfer: **FGC Water Resources Management**

The Associate in Science degree in Environmental Science Technology is designed for those who wish to enter the water resource management industry as well as experienced industry workers. This program can be the gateway to excellent career opportunities in an industry that is expected to grow as the population increases and is vital to the public health and economic development of the state and nation.

This is the sequence of courses for students interested in **environmental science**. It does not represent a contract, nor does it guarantee course availability. Following this pathway will help you earn an **AS** degreeⁱⁱ. Courses that complete the degree are listed belowⁱⁱⁱ. As always, visit your academic advisor each semester to help you keep on track for graduation.

All AS degrees must satisfy the statewide Civic Literacy requirement for graduation. Please see the [catalog](#).



SEMESTER BY SEMESTER MAP FOR FULL- TIME STUDENTS

PRE-ENROLLMENT	ACTION ITEMS
	<ul style="list-style-type: none">• Complete Florida Gateway College application• Complete ENST program application• Begin applying for Financial Aid and Scholarships.<ul style="list-style-type: none">◦ You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)• Check with your advisor for important deadlines and dates.• If you are a licensed operator, submit copies of your active license(s) to your advisor for articulation of credit application^{iv}.• REQUIRED: Contact the Test Center and schedule to take the PERT Exam, which must be taken before registering for classes.• Meet with your advisor to discuss your plan of study.
SEMESTER 1 (Fall)	ACTION ITEMS
ENC 1101 – Freshman Composition I	<ul style="list-style-type: none">• Meet with your advisor to confirm academic and career goals by the end of the semester.• REQUIRED: Complete the Computer Competency course within Canvas.• Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.• Signup for and pass the Florida Civic Literacy Exam.
MAC 1105 - College Algebra (Required) Note: MAT 1033 is the prerequisite course	
Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy)	
EVR 1001 – Introduction to Environmental Science	
EVR 1001L – Introduction to Environmental Science Lab	
TOTAL SEMESTER CREDIT HOURS: 13	
SEMESTER 2 (Spring)	ACTION ITEMS
SPC 2608 – Public Speaking	<ul style="list-style-type: none">• Meet with your advisor to confirm or update your academic/career pathway and program of study.• Ask about transfer advising to discuss options to pursue the bachelor’s degree.
ENC 1210 – Technical Writing	
SWS 1102 – Soil Science	
ENST Elective ^{vi}	
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TOTAL SEMESTER CREDIT HOURS: 15	

SEMESTER 3 (Summer)	ACTION ITEMS
General Education Core Humanities	<ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.
BSC 2010C – General Biology with Lab (4 cr)	
TOTAL SEMESTER CREDIT HOURS: 7	
SEMESTER 4 (Fall)	ACTION ITEMS
EVS 1026C – Chemistry and Biology of Natural Waters (4 cr)	<ul style="list-style-type: none">Four credits of EVS 2942L require a 600-hour field experience. If taking this course in the next semester, secure a location to complete these hours.Begin applying to the BAS Water Resources Management program or your top choice universities.Check with your advisor for important deadlines and dates.
EVS 2005 – Water and Wastewater Treatment (4 cr)	
EVS 2893C – Environmental Sampling and Analysis I (4 cr)	
ENST Elective ^{vi}	
TOTAL SEMESTER CREDIT HOURS: 15	
SEMESTER 5 (Spring)	ACTION ITEMS
EVS 2894C – Environmental Sampling and Analysis II (4 cr)	<ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.Meet with your advisor to apply for graduation for your degree.Sign up for commencement.Request final transcripts sent to the transferring college or university.Congratulations, graduate!
EVS 2891 – Hydrology and Quality of Water (4 cr)	
EVS 2179C – Water Analysis and Monitoring	
ENST Elective ^{vi}	
TOTAL SEMESTER CREDIT HOURS: 14	
AS DEGREE MINIMUM: 64 SEMESTER CREDIT HOURS PATHWAY TOTAL: 64 CREDIT HOURS	

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

^{iv} Articulated credit takes the place of the ENST electives.

^v You must earn a grade of "C" or better in all Gordon Rule classes.

^{vi} Required to successfully complete a minimum of 12 credit hours of approved ENST electives.

Choose from **EVS 2930** – Special Topics: Wastewater Treatment Operator C course, **EVS 2931**- Special Topics: Water Treatment Operator C Course, **EVS 2932**- Special Topics: Water Distribution Operations Level 3, **EVS 2942L** – Environmental Science Technology Practicum, **BOT 1000** – Principles of Plant Growth, **BOT 2010C** – Botany I, and **GCO 2431** – Golf and Landscape Irrigation, **GLY 1001** – Earth Science